

6. What is claimed is:

1. A drain plug structure for a bath tab using a remote-controlling type drain plug device, wherein this drain plug structure has a feature that at least a circumferential edge of the plug lid is set to be lower than the bottom surface of the bath tab under a drain port closed state.

2. A drain plug structure for a bath tab using a remote-controlled type drain plug device, wherein the drain port is comprised of a notch part where the circumferential edge of the plug lid is dropped to be lower than the bottom surface of the bath tab under a closed state of the drain port and a packing close-contact surface placed lower than the bottom surface of the notch and having a smaller diameter than a diameter of the plug lid, and the packing is closely contacted with said packing close contact surface under a state in which the plug lid is dropped into said notch part.

3. A drain plug structure for a bath tab according to claim 2, wherein the close-contact surface is a narrow inclined surface extending from the bottom surface of the notch in a downward direction.

4. A drain plug structure for a bath tab according to claim 3, wherein said notch part is set such that a horizontal surface supporting and mounting the plug lid is applied as a bottom surface.

5. A drain plug structure for a bath tab according to claim 4, wherein the packing is set such that the main body extending from the base part to its extremity end in narrow form is integrally arranged and at the same time, one or a plurality of more than two annular protrusions closely contacted with the packing close-contact surface are protruded at said main body and formed.

6. A drain plug structure for a bath tab according to claim 4, wherein the main body is formed such that its outer surface becomes a fine narrow shape having a convex curved surface from the upper edge of the end part to the bottom part, and annular protrusions are protruded at said convex curved surface.

7. A drain plug structure for a bath tab according to claim 4, wherein a depth of the notch is set to such a value as one

enabling the plug lid to be dropped into it in such a way that its top part may become in flush with the bottom surface of the bath tab or less than that.

8. A drain plug structure for a bath tab according to claim 1, wherein the plug lid is removably fitted to the supporting shaft of the drain plug device.

9. A drain plug structure for a bath tab according to claim 7, wherein the plug lid is removably fitted to the supporting shaft of the drain plug device.

10. A drain plug structure for a bath tab according to claim 1, wherein as an engagement or disengagement structure between the plug lid and the supporting shaft of said drain plug lid, there is provided a structure in which some axial slits are arranged at a fitting cylinder arranged at the plug lid and some protrusions are protruded inside the resilient pieces formed at several locations in a circumferential direction of it, fitting grooves where the protrusions are adapted to be fitted are set at the supporting shaft;

the supporting shaft is inserted into the fitting cylinder, thereby the supporting shaft is contacted with said

protrusions to expand and open the resilient pieces, when the protrusions are positioned at the fitting grooves, the resilient pieces are recovered from the expanded and opened state due to their resiliency to cause the protrusions to be fitted to the fitting grooves, wherein under a normal state of use, the plug lid is connected in such a way that it may not be removed from the supporting shaft; and

the plug lid is pulled out of the supporting shaft to cause the resilient pieces to be expanded and opened and the protrusions are escaped from the fitting grooves and the plug lid is removed.

11. A drain plug structure for a bath tab according to claim 7, wherein as an engagement or disengagement structure between the plug lid and the supporting shaft of said drain plug lid, there is provided a structure in which some axial slits are arranged at a fitting cylinder arranged at the plug lid and some protrusions are protruded inside the resilient pieces formed at several locations in a circumferential direction of it, fitting grooves where the protrusions are adapted to be fitted are set at the supporting shaft;

the supporting shaft is inserted into the fitting cylinder, thereby the supporting shaft is contacted with said

protrusions to expand and open the resilient pieces, when the protrusions are positioned at the fitting grooves, the resilient pieces are recovered from the expanded and opened state due to their resiliency to cause the protrusions to be fitted to the fitting grooves, wherein under a normal state of use, the plug lid is connected in such a way that it may not be removed from the supporting shaft; and

the plug lid is pulled out of the supporting shaft to cause the resilient pieces to be expanded and opened and the protrusions are escaped from the fitting grooves and the plug lid is removed.

12. A drain plug structure for a bath tab according to claim 10, wherein the anti-vibrating member sliding on the outer circumferential surface of the supporting member supporting the supporting shaft in such a way that it can be moved up and down is vertically installed at the plug lid.

13. A drain plug structure for a bath tab according to claim 11, wherein the anti-vibrating member sliding on the outer circumferential surface of the supporting member supporting the supporting shaft in such a way that it can be moved up and down is vertically installed at the plug lid.

14. A drain plug structure for a bath tab according to claim 10, wherein the plug lid is provided with a foreign material mixing preventive cover sliding on the outer circumferential surface of the supporting member supporting the supporting shaft in such a way that it can be moved up and down, said foreign material mixing preventive cover has a cylinder part with its lower end being opened or released, and said cylinder part has a length extending along the outer circumferential surface of the supporting member when the drain port is opened and when the drain port is closed.

15. A drain plug structure for a bath tab according to claim 11, wherein the plug lid is provided with a foreign material mixing preventive cover sliding on the outer circumferential surface of the supporting member supporting the supporting shaft in such a way that it can be moved up and down, said foreign material mixing preventive cover has a cylinder part with its lower end being opened or released, and said cylinder part has a length extending along the outer circumferential surface of the supporting member when the drain port is opened and when the drain port is closed.